

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|----------------------------------------------------------------------------------------------|----------------------------------------------------------|------------------|---------|------------------|
| L1 | 1526 | (318/567).CCLS. | US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/30 10:13 |
| L2 | 48 | 1 and (position near control\$4) and ((separat\$3 or lift\$3 or mov \$3) near control\$4) | US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/30 10:13 |
| S1 | 263 | b23k9/10.ipc. | US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/10 08:42 |
| S25 | 43 | b23k9/067.ipc. | US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/17 17:04 |
| S76 | 45 | b23k9/067.ipc. | US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/17 14:01 |
| S77 | 323 | b23k9/12.ipc. | US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/17 14:07 |
| S79 | 65 | G05b11/00.ipc. | US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/17 14:59 |
| S85 | 125 | S84 and robot | US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/08/24 09:53 |
| S105 | 43 | ((HIROYUKI) near2 (NAKATA)).INV. | US-PGPUB; USPAT; USOOR | ADJ | ON | 2009/08/24 13:43 |
| S106 | 34 | ((YASUSHI)) near2 (MUKAI)).INV. | US-PGPUB; USPAT; USOOR | ADJ | ON | 2009/08/24 13:48 |
| S107 | 24 | ((TATSUYA) near2 (IKEDA)).INV. | US-PGPUB; USPAT; USOOR | ADJ | ON | 2009/08/24 13:53 |
| S108 | 3 | ((NAOTO) near2 (MASUNAGA)).INV. | US-PGPUB; USPAT; USOOR | ADJ | ON | 2009/08/24 13:55 |
| S109 | 8 | ((MASARU) near2 (KOWA)).INV. | US-PGPUB; USPAT; USOOR | ADJ | ON | 2009/08/24 13:55 |
| S110 | 1 | ((YASUYOSHI) near2 (HONUCHI)).INV. | US-PGPUB; USPAT; USOOR | ADJ | ON | 2009/08/24 13:56 |
| S200 | 522 | (219/121.13).CCLS. | US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/29 21:09 |
| S203 | 1 | S200 and (position near control\$4) and ((separat\$3 or lift\$3 or mov \$3) near control\$4) | US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 21:11 |
| S204 | 225 | (219/121.28).CCLS. | US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/29 21:12 |
| S205 | 2 | S204 and (position near control\$4) and ((separat\$3 or lift\$3 or mov \$3) near control\$4) | US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 21:12 |
| S206 | 119 | (219/121.56).CCLS. | US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/29 21:13 |

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| S208 | 7 | S206 and (position near control\$4) and ((separat\$3 or lift\$3 or mov \$3) near control\$4) | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 21:14 |
| S209 | 354 | (219/124.1).COLS. | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/29 21:18 |
| S210 | 3 | S209 and (position near control\$4) and ((separat\$3 or lift\$3 or mov \$3) near control\$4) | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 21:18 |
| S211 | 105 | (219/124.4).COLS. | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/29 21:20 |
| S212 | 1 | S211 and (position near control\$4) and ((separat\$3 or lift\$3 or mov \$3) near control\$4) | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 21:20 |
| S213 | 86 | (219/124.01).COLS. | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/29 21:21 |
| S215 | 252 | (219/124.02).COLS. | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/29 21:22 |
| S216 | 3 | S215 and (position near control\$4) and ((separat\$3 or lift\$3 or mov \$3) near control\$4) | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 21:22 |
| S217 | 1158 | (219/124.34).COLS. | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/29 21:24 |
| S218 | 26 | S217 and (position near control\$4) and ((separat\$3 or lift\$3 or mov \$3) near control\$4) | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 21:24 |
| S219 | 628 | (219/130.1).COLS. | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/29 21:44 |
| S220 | 1 | S219 and (position near control\$4) and ((separat\$3 or lift\$3 or mov \$3) near control\$4) | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 21:44 |
| S221 | 523 | (219/130.21).COLS. | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/29 21:46 |
| S222 | 4 | S221 and (position near control\$4) and ((separat\$3 or lift\$3 or mov \$3) near control\$4) | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 21:46 |
| S223 | 379 | (219/132).COLS. | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/29 21:49 |
| S224 | 1 | S223 and (position near control\$4) and ((separat\$3 or lift\$3 or mov \$3) near control\$4) | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 21:49 |
| S225 | 402 | (219/137.7).COLS. | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/29 21:50 |
| S226 | 0 | S225 and (position near control\$4) and ((separat\$3 or lift\$3 or mov \$3) near control\$4) | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 21:50 |
| S227 | 533 | (219/137.71).COLS. | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/09/29 21:51 |
| S228 | 2 | S227 and (position near control\$4) and ((separat\$3 or lift\$3 or mov \$3) near control\$4) | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 21:51 |

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| S229 | 789 | (219/125.1).COLS. | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 21:52 |
| S230 | 12 | S229 and (position near control\$4) and ((separat\$3 or lift\$3 or mov \$3) near control\$4) | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 21:52 |
| S231 | 695 | 318/568.22 | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 21:54 |
| S232 | 81 | S231 and (position near control\$4) and ((separat\$3 or lift\$3 or mov \$3) near control\$4) | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 21:54 |
| S233 | 1584 | 318/568.1 | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 22:12 |
| S234 | 115 | S233 and (position near control\$4) and ((separat\$3 or lift\$3 or mov \$3) near control\$4) | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 22:12 |
| S235 | 1732 | 318/568.11 | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 22:22 |
| S236 | 134 | S235 and (position near control\$4) and ((separat\$3 or lift\$3 or mov \$3) near control\$4) | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 22:22 |
| S237 | 129 | S236 and (robot\$2 or actuator or manipulator) | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 22:24 |
| S238 | 500 | 318/568.17 | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 22:27 |
| S239 | 57 | S238 and (position near control\$4) and ((separat\$3 or lift\$3 or mov \$3) near control\$4) | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 22:27 |
| S240 | 51 | S239 and (robot\$2 or actuator or manipulator) | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 22:28 |
| S241 | 412 | 318/568.18 | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 22:31 |
| S242 | 37 | S241 and (position near control\$4) and ((separat\$3 or lift\$3 or mov \$3) near control\$4) | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 22:31 |
| S243 | 432 | 318/568.21 | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 22:33 |
| S244 | 30 | S243 and (position near control\$4) and ((separat\$3 or lift\$3 or mov \$3) near control\$4) | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 22:34 |
| S245 | 695 | 318/568.22 | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 22:49 |
| S246 | 81 | S245 and (position near control\$4) and ((separat\$3 or lift\$3 or mov \$3) near control\$4) | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 22:49 |
| S247 | 69 | S246 and (robot\$2 or actuator or manipulator) | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 22:50 |
| S248 | 1589 | 318/569 | US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 22:53 |

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| S249 | 109 | S248 and (position near control\$4) and ((separat\$3 or lift\$3 or mov \$3) near control\$4) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 22:53 |
| S250 | 931 | 318/610 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 22:57 |
| S251 | 43 | S250 and (position near control\$4) and ((separat\$3 or lift\$3 or mov \$3) near control\$4) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 22:57 |
| S252 | 227 | 318/619 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 22:59 |
| S253 | 14 | S252 and (position near control\$4) and ((separat\$3 or lift\$3 or mov \$3) near control\$4) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 22:59 |
| S254 | 363 | 318/621 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 23:02 |
| S255 | 28 | S254 and (position near control\$4) and ((separat\$3 or lift\$3 or mov \$3) near control\$4) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 23:03 |
| S256 | 1808 | 318/632 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 23:08 |
| S257 | 124 | S256 and (position near control\$4) and ((separat\$3 or lift\$3 or mov \$3) near control\$4) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2010/09/29 23:08 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|-------------------------------------------------------------------------------------------------|-----------------|------------------|---------|------------------|
| L4 | 1 | weld\$3 with actuator with control\$3 with position with driv\$3 with separat\$3 with workpiece | US_PGPUB; USPAT | ADJ | ON | 2010/09/30 10:52 |

9/30/2010 10:56:12 AM
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